Progress Status Classified by Countermeasures

Underline: changed content, Red frame: progressed countermeasures (countermeasures which are mentioned concretely at this revision)

Field work started, but construction not started

Under Construction Reference 1 October 17, 2011 Tokyo Electric Power Company

> Field work not started yet

*Not necessary at this moment since we changed the original plan and have implemented fuel cooling by circulating water

A 1000	laguag	Torgot	Countormos	Seuroe	11:4 4	Unit 2	Unit 2	Unit 4
Areas	issues	Target	Countermea	Countermeasure [1]: Injecting fresh water into	Onit 1	Unit 2	onit 3	Unit 4
			~	the RPV by pumps	- In progress (from Mar. 25)	- In progress (from Mar. 26)	- In progress (from Mar. 25)	
			vpril 1	Countermeasure [2]: Injecting nitrogen gas into the PCV (start from Unit1)	- In progress (from Apr. 6)	- In progress (from Jun. 28)	- In progress (from Jul. 14)	
			1 by A	Countermeasure [3]: Consideration of flooding the PCV up to the top of active fuel	- Not necessary at this moment*	 Not necessary at this moment* 	 Not necessary at this moment* 	
			ires started	Countermeasure [4]: Lower the amount of steam by sufficiently cooling the reactor (to be achieved by countermeasures in Step1 and Step2)	- Various countermeasures have been taken	- Various countermeasures have been taken	- Various countermeasures have been taken	
			neası	Countermeasure [5]: Consideration of shielding the leakage by covering the reactor building	 Implement in Countermeasure [50] 		- Implement in Countermeasure [50]	- Implement in Countermeasure [50]
			Counterr	Countermeasure [7]: Cooling at minimum water injection rate (control the leakage of contaminated water)	- In progress	- In progress	- In progress	
				Countermeasure [8]: Install interconnecting lines of offsite power soon	- Installation completed			
				Countermeasure [6]: Consideration of sealing the leakage location in the PCV		- Not necessary at this moment*		
				Countermeasure [9]: Flood the PCV up to the top of active fuel	- Not necessary at this moment*	- Not necessary at this moment*	- Not necessary at this moment*	
Cooling	(1) Reactors	Cold shutdown condition		Countermeasure [10]: Reduce the amount of radioactive materials (utilization of standby gas treatment system (filter), etc.) when PCV venting (release of steam containing radioactive materials into the atmosphere)	- Not necessary at this moment	- Not necessary at this moment	- Not necessary at this moment	
				Countermeasure [11] (integrated with countermeasure [15]): Inject nitrogen gas into the PCV	- In progress (from Apr. 6)	- In progress (from Jun. 28)	- In progress (from Jul. 14)	
				Countermeasure [12]: Circulate the accumulated water back into the RPV after processing it (Circulating water cooling)	- Circulating water cooling in progress (from Jun. 27)	- Circulating water cooling in progress (from Jun. 27)	- Circulating water cooling in progress (from Jun. 27)	
			r Step 1	(Countermeasures in Step 2) Countermeasure [45]: Reuse of processed water as reactor coolant (Circulating water cooling)	- In progress in Countermeasure [12]	- In progress in Countermeasure [12]	- In progress in Countermeasure [12]	
			s afte	Countermeasure [13]: Secure heat exchange function for the reactor	- Not necessary at this moment*	 Not necessary at this moment* 	 Not necessary at this moment* 	
			Countermeasure	Countermeasure [14]: Continue cooling at minimum water injection rate (Circulating water cooling)	- Water being injected to achieve cold shutdown condition - The temperature at RPV bottom is stable below 100	Water being injected to achieve cold shutdown condition Verified that the temperature at RPV bottom can stabilize below 100 by changing the water injection volume experimentally	- Water being injected to achieve cold shutdown condition - The temperature at RPV bottom is stable below 100	
				Countermeasure [16]: Seal the leakage location in the PCV	-Not necessary at this moment*	- Not necessary at this moment*	- Not necessary at this moment*	
				Countermeasure [76]: Improve working environment	- Removal of debris, measurement of radiation dose, entering into the building (May 9)	- Measurement of radiation dose, entering into the building, start operation of local exhausters 'purification mode (from Jun. 11 to 19)	- Removal of debris, measurement of radiation dose, entering into the building (Jun. 9) - Cleaning using robots (Jul. 1) - Placing steel plates in truck bay door entrance (Jul. 4)	
					- Closing of the underground ope	n areas in T/B and Rw/B etc.		
				Countermeasures [12,14,45]: Installation of centralized monitoring system in the main anti- earthquake building	- Established the centralized syst water level of the buffer tank etc.)	em to monitor the plant parameters (water by using the monitors installed in the mai	injection volume, injection pressure, n anti-earthquake building (Sep. 30)	
				Countermeasure [17]: Maintain and improve countermeasures of Step1 as needed	- Explained in above progress sta	tus of countermeasures		

Legend

:Implemented

Areas	Issues	Target	Countermeasures		Unit 1	Unit 2	Unit 3	Unit 4
Cooling	(2)Spent Fuel Pools		ires started by April 17	Countermeasure [18]: Consideration/implementation of improving reliability of external water injection by concrete pampers ("Giraffe", etc.)/switch to remote- controlled operation	- Reliability improvement: installing hoses with enhanced durability (high-spec polyethylene pipe) - Measures to reduce radiation dose: allocated concrete pumping vehicle equipped with remote controllable arm		- Same as Unit 1	- Same as Unit 1
			Countermeasu	Countermeasure [19]: Sampling and measurement of steam/pool water by "Giraffe", etc.	- Analyzed water of the pool in FPC pump drain pipes. Confirmed that most of the fuel were intact	- Analyzed water of the pool in skimmer surge tank. Confirmed that most of the fuel were intact	- Confirmed that most of the fuel were intact by analyzing water in the pool	- Confirmed that most of the fuel were intact by analyzing water in the pool
				Countermeasure [22]: Continuation of water injection by "Giraffe", etc	Reliability improvement: installing hoses with enhanced durability (high spec polyethylene pipe) Measures to reduce radiation dose: allocated concrete pumping vehicle equipped with remote controllable arm (2 vehicles)		- Same as Unit 1	- Same as Unit 1
		stable cooling		Countermeasure [23]: Restoration of water injection through normal cooling system.		- Continue water injection through normal cooling system - Addition of heat exchange function is treated in Countermeasures [25,27]		
		More	rmeasures after Step 1	Countermeasure [24]: Restoration of normal cooling system	- Water injection through normal cooling system (from May 29 to Aug. 9)		- Water injection through normal cooling system (from May 16 to Jun. 29)	- Water injection by installing alternative facility to "Giraffe" (from Jun. 17 to Jul. 30)
			Counte	Countermeasure [25]: Install heat exchangers	- Circulating water cooling operation (from Aug. 10)	- Circulating water cooling operation (from May 31)	- Circulating water cooling operation (from Jun. 30)	- Circulating water cooling operation (from Jul. 31)
				(Countermeasures in Step 2) Countermeasure [27]: Cooling by installation of heat exchangers	- Same as Countermeasure [25]	- Same as Countermeasure [25]	- Same as Countermeasure [25]	- Same as Countermeasure [25]
				(Countermeasures in Step 2) Countermeasure [28]: Expand remote- controlled operation area of "Giraffe", etc	- "Elephant 3"(modified as remote-controlled operation) is waiting at 1F (from May 17) - "Mammoth 2"(modified as remote-controlled operation) is waiting at 1F (from Jun. 21)		- Same as Unit 1	- Same as Unit 1

Areas	Issues	Target	Counterme	asures	Unit 1	Unit 2	Unit 3	Unit 4	
			arted by	Countermeasure [29]:Identify leakage path and consider / implement preventive measures	 Putting sandbags including radio Installation of contamination pre Shielding between trench and bu 	pactive decontaminants (zeolite) into the p ventive fences (silt fence) in the port (from vilding (Apr. 6: completed in Unit 4) etc.	ort (from Apr. 15 to 17: put 10 sets of bask Apr. 11 to 14: installation)	ets including sandbags)	
	(3) Accumulated Water [High radiation level]		sures sta oril 17	Countermeasure [30]:Transferring accumulated water to facilities that can store it (condenser and Centralized Waste Processing Building)	- Unit 2 Turbine Building accumula - Implementation of waterproof wo	ated water -> condenser (Apr. 13 transfer o ork etc. in order to transfer water from Unit	completed) 2 Turbine Building to Centralized Waste P	rocessing Building	
			itermea: Ap	Countermeasure [31]: Preparing decontamination and desalination of transferred accumulated water.	- Selection of decontamination / d	esalination process, consideration of basi	c design etc.		
			Coul	Countermeasure [32]:Preparing to install tanks	 Arrangement of tanks, selection Cancellation application of perm 	of installation place, preparation ission and authorization regarding defores	station		
		ater		Countermeasure [37]:Utilization of "Centralized Waste Processing Building", etc. to store water	 After waterproof check in Centra After waterproof check in Centra 17) 	lized Waste Processing Building (Main Pro lized Waste Processing Building (High-ten	ocess Building), transferring accumulated v nperature Incineration Building), transferrin	water in Unit 2 (from Apr. 19) ng accumulated water in Unit 3 (from May	
				Countermeasure [38]:Install water processing facilities	- Decontamination facility and des	alination equipment in operation			
				Countermeasure [39]:Consideration and implementation of backup measures (installation of additional tanks)	- Installation of tanks [For receiving treated water] May 10: 11,000 tons, May 22: 2,000 tons, Jul. 14: 20,000 tons, Aug. 13: 22,000 tons, Sep. 16: 23,000 tons, Oct. 8: 15,000 tons - Aug. 13: 22,000 tons, Sep. 16: 23,000 tons, Oct.				
			tep 1	(Countermeasure in Step 2) Countermeasure [42]:Expansion of additional tanks to store high-level radioactive water	- Site preparation for installing un - Transportation and installation o	derground tanks (from May 16 to Jun. 25) f underground tanks (from late Jun. to Se	p. 17): 2,800 tons		
		umulated v	es after SI	(Countermeasure in Step 2) Countermeasure [43]:Elimination and continuous processing of contaminated water in the buildings	- Enhancement of processing equ - Enhancement of desalination ap concentrated apparatus (750 tons	ipments (installed 2nd Cesium Adsorption paratus (installed evaporative concentrate / day) (term , <u>until Oct. 9</u>)	Apparatus (SARRY), operation started on d apparatus (250 tons / day) (term , Aug.	Aug. 18) 7, Aug. 31), installed evaporative	
		unt of accu	ıtermeasur	(Countermeasure in Step 2) Countermeasure [45]:Reuse of processed water as reactor coolant (Circulating water cooling)	- In progress in Countermeasure [12]	- In progress in Countermeasure [12]	- In progress in Countermeasure [12]		
gation		Decrease total amo	Cou	Countermeasure [64]:Mitigation of contamination in the ocean	 Putting sandbags including radio Circulating purifying equipments Installation of water intake slidin Installation of steel pipe sheet pi 	pactive decontaminants (zeolite) into the p s in operation (from Jun. 13) g concrete plate (<u>completed on Jun. 29</u>) le (<u>completed on Sep. 28</u>)	ort (May 19, put 10 additional sets)		
Miti				Countermeasure [65]:Isolation of high-level radioactive water	- Completed closing of pits etc. (May 17)	- Completed closing of turbine trenches of seawater pipes (Jun. 2) - Completed closing of pits etc. (Jun. 9)	- Completed closing of turbine trenches of seawater pipes (May 26) - Completed closing of pits etc. (Jun. 13)	- Completed closing of turbine trenches of seawater pipes (Apr. 6) - Completed closing of pits etc. (Jun. 13)	
				Countermeasure [81]:Storage / management of sludge waste	- Appropriate storage / manageme	ent of sludge waste with high-level radioac	tivity , which derived from the treatment of	high-level radioactive water	
				Countermeasure [82]:Consideration of full- scale water processing facilities	- Consideration of full-scale water	processing facilities			
	diation level]		arted	Countermeasure [33]:Preparing to store with tanks and barges	- In progress in Countermeasure [40]			
			sures st oril 17	Countermeasure [34]:Preparing for decontamination and desalination of contaminated water	- In progress in Countermeasure [41]			
	ow ra		by Ap	Countermeasure [35]: Preparing to install a reservoir	- Using tanks instead of reservoir				
	Vater [L		Counte	Countermeasure [36]:Preparing to decontaminate sub-drainage water after being pumped up	- Preparing to decontaminate in ta	nk on the ground etc. (zeolite etc.)			
	ated \		sures 0.1	Countermeasure [40]:Increase storage capacity by adding tanks, barges, Megafloat, etc	- Megafloat docked (May 21 : 10,00	00 tons), Installation of tanks (May 31: 18,4	00 tons)		
	(3)Accumul		Countermea after Step	Countermeasure [41]:(Integrated with Countermeasures 44 and 46, Countermeasures in Step 2) Decontaminating contaminated water using decontaminants to below acceptable criteria	- Use of decontaminants (zeolite)	in full operation (from May 1)			
	ъ.	tion spread into inuation)	tep 1	Countermeasure [66]:Consideration of mitigation measures of groundwater contamination	- Examined mitigation measures of	of groundwater contamination (countermea	asures [67], [68])		
	(4) Underground Wate		s after St	Countermeasure [67]:Implementation of mitigation measures of groundwater contamination	 Restoration of sub-drainage pur Restoration of sub-drainage toge 	nps around reactor building of Unit 1 ~ 4 ether with the expansion plan of storage /	processing facility		
		nt contaminat the sea (cont	termeasure	Countermeasure [68]:Consideration of shielding wall of groundwater	- Basic design of impermeable ste - Detailed specifications on the la	el pipe sheet installation in front of the ex nd side are now under consideration (~ St	isting seawalls of Units 1 to 4 has been cor ep 2)	npleted (Aug. 31)	
		Prevent	Count	Countermeasure [83]:Establishment of shielding wall of groundwater	- Construction work on the sea sid	de will commence from around the end of (October		

A	leeuoe	Target	Countermeasures		11-14.4	11-14.0	11-34 0	11-14.4					
Areas	ISSUES	rarget	Countermea	sures	Unit 1	Unit 2	Unit 3	Unit 4					
				Countermeasure [47]:Inhibit scattering of									
				radioactive materials by full-scale dispersion									
				of inhibitor after confirming its performance	- Confirmed unevenness of dispe	rsion and solidification status of soil by tes	t dispersion						
			ed	by test	- Developed remote-controlled cr	awler dump trucks for dispersion							
			art	Countermeasure [48]:Prevent rain water									
			st	contamination by dispersion of inhibitor									
			es 17		- Started installation of remote co	ntrolled heavy machinery (Apr. 6 test run	Apr 10 full operation)						
			sur	Countermeasure [49]:Removal of debris	(Removed debris (volume of 31 containers) of anrox v (an ³) (by a r (7))								
			ea: Ar		(Removed debris (volume of 31 d	containers of approx. 4m (by Apr. 17))							
			Ēā	Countermeasure [50]:Consideration and	 Consideration of basic design 		- Consideration of basic design for	- Consideration of basic design for reactor					
			te	implementation of basic design for reactor	for reactor building cover		reactor building cover	building cover					
		Ê	L L L	building cover and full-fledged measure	 Basic design of container in 		- Basic design of container in progress	- Basic design of container in progress					
		atio	ပိ	(container with concrete roof and wall, etc.)	progress		- Dasie design of container in progress	- Dasic design of container in progress					
		n		Countermeasure [51]:Consideration of									
		ti		solidification, substitution and cleansing of	 Confirmed solidification status of 	of soil by dust inhibitor							
		ō		contaminated soil (mid-term issues.)									
		9			- Approx. 400,000 m ² inside of the	power station (plane and slope) (as of	A Transformation of discovering of inhibitions						
	=	ala		Countermeasure [52]:Dispersion of inhibitor	Jun. 28)		< remination of dispersion of inhibitor >						
	ŝ	eri			• Continuous confirmation of solidification of inhibitor where dispersed								
ç	-	lat			- Removed debris (volume of ann	rox 900 containers) (as of Oct 17)							
Ę.	e e	-			Continuation of removel work	tox. 300 containers) (as of Oct. 17)							
ga	Ğ	Eİ.		Countermeasures [53, 87]:Removal /	- Continuation of removal work	Annone and a second in the later to be a second and it							
Aiti	so	aci		management of debris	- Manage removed debris etc. In s	torage area according to its kinds and radi	ation dose						
~	Ē	jõ			- Sprinkle processed Water which	meets the bathing standard in the site for	nre prevention purpose (from Oct. 7)						
	Ā	rac	.		.								
	5)	oť	de		- <u>Completed</u> preparation								
		<u> </u>	š		construction work								
		aric	es after	es after	es after		- Started construction (from Jun.						
		tte				es aft	es aft	es aft		27)			
		Sca								 Completed Installation work of 			
		Mitigate s	- in	Countermeasures [54, 55]:Installation of	steel-frame and wall panels for								
			untermeas	reactor building covers	reactor building cover (from Sep.								
					10 to Oct. 14)								
					- Started installation work of								
					ancillary facilities such as								
			ō		exhauster and comprehensive								
			•		test (from Oct. 14)								
					<u>,</u>								
				Countermeasure [84]:Removal of debris at the			- Started preparation work (from Jun. 20)	- Started preparation work (from Jun. 24)					
				upper part of the reactor building (Units 3 and			- Started construction (from Sep. 10)	- Started construction (from Sep. 21)					
				4)				(<u></u>)					
				Countermeasure [86]:Consideration and	- Started installation work (from								
				installation of PCV gas control system	Oct 7)	 Started installation work (from Oct. 10) 	 Started installation work (from Sep. 30) 						
				Countermeasure [57]:Monitoring sea water	<u></u>								
			Ires	soil and atmosphere within the site boundary	- In progress								
				(25 locations)	 Implemented atmosphere monitor 	oring when opened the door of reactor buil	ding in Unit 1 (May 8, 9)						
			ast 11	Countermoneuro [59]:Monitaring radiati	- In progress								
			ri te	does at the site houndary (42 leastions)	- Implomented atmeenters	pring when enaned the deer of reacter built	ding in Unit 1 (May 8.0)						
			Ap	uose at the site boundary (12 locations.)	- implemented atmosphere monito	oring when opened the door of reactor buil							
			ov st	Countermeasure [59]:Consideration of									
	£		5 -	monitoring methods in evacuation area /	pring methods in evacuation area / A Beasurement of dose rate within 20 km radius from the power plant. Imp	20 km radius from the power plant. Impler	mented measurement at 128 spots within 2	km from main road (Apr. 18). Implemented					
Ę	S		Ŭ	deliberate evacuation area/ evacuation	fixed point measurement at 50 spots (May 6, 13)								
Ę	SCI			prepared area in case of emergency.									
ina	ä				- Comprehensively estimate the current release rate of radioactive materials from Units 1 to 3 by utilizing the airborne radioactivity concentration (dust								
Ē	P	۲			concentration) at the upper part o	the reactor buildings, sea areas and land	areas						
nts	5	tio		Countermeasures [60, 61]:Evaluate the	 Current total release rate from U 	nits 1 to 3 is estimated as approx. 0.1 billio	n Bq/hour (provisional) at the maximum (1	/8.000.000 of that at the time of the					
0	÷	nat		amount of radioactive materials currently	accident)								
å	읽	contamir	5	amount or radioactive materials currently	- Radiation exposure at the site boundary is assessed as approx. 0.2 mSv/year (provisional) at the maximum (Target is 1 mSv/year excluding the effect of the								
2	ě		te		adioactive materials already released up until now)								
ing	ۍ بو		5		- Continuously implement the measurements of airborne radioactivity concentration at the upper part of the reactor buildings, sea areas and land areas, thus								
ţ	Je	Ğ	Ifte		araspina the reduction tendency of the release rate due to the mitiaation countermeasures.								
Monit	Terr	-	sa		- Land area: continue radiation dose rate measurement in air at 50 spots (once a week) and dust sampling near 10km radius at 5 spots (once a month)								
	Ins		ar	(Countermeasures in Step 2)	Wide-area monitoring (radiation	dose survey) conducted in restricted area	s and deliberate evacuation areas (results	were publicly announced in Sep. 1).					
	lea		3SL	Countermeasure [62]:Implementation of monitoring	Individual detailed monitoring (relation dose survey) is ar fields roads and water evaluation areas (results were plancity announced in sept. 1).								
	Ň		ne	in cooperation with the government, prefectures,	- Sea area: expanding to offshore	monyoudan detailed monitoring (radiation bose survey in air, neids, roads and water environment etc.) is being conducted (<u>monitoring une to end of October</u>). Sea area: vynanding nd offshore of Eukushing. Ibaraki and Muyani prefertures. Sampling of eas bed solid etc. are planod utilizious upmanged.							
	9		ern	municipalities and operators	survey ships.	and mydgr prefectu							
			l tr		ourrey ships.								
			10		[Government activities]								
			0	(Countermeasure in Step 2)	- A decontamination model project	t is being prepared in a rapid manner. Curr	rently, pre-monitoring is being implemente	d at a part of the area.					
				Countermeasure [63]:Consideration / start of	[Activities where the operator is p	articipating]							
				full-fledged decontamination	- The operator is collecting useful	information for effective decontamination	through wide-area monitoring as well as o	ngoing individual detailed monitoring.					
					(The operator will support the pilo	ot decontamination projects conducted by	the government.)						
			1	1		- ofooto contacted by							

Areas	Issues	Target	Countermeasures		Unit 1	Unit 2	Unit 3	Unit 4	
easures for aftershocks, etc.			terme res ted	Countermeasure [20]:Seismic tolerance assessment of Unit 4.				 Evaluated resistance against earthquake of SFP in Unit 4 	
			Count asu star by Ap	Countermeasure [21]:Continue monitoring and examine necessary countermeasures				 Continue surveillance and considered reinforcement work 	
	etc.			Countermeasure [69]:Countermeasures against tsunami	 Transferred emergency power so Added redundancy of water inject 	ources to the upland (Apr. 15) ction line (by Apr. 15), Set fire trucks etc. t	to the upland (by Apr. 18)		
	nent,	S	-	Countermeasure [70]:Enhancement of countermeasures against tsunami	- Completion of installation of tem	nporary tide barriers (Jun. 30)			
	ami, reinforcer	litigate di saste	ures after Step	Countermeasure [26]:(Unit 4) Installation of supporting structure under the bottom of the pool				- Structure already evaluated, installation in progress (from May 20), completion of installation of steel pillar (Jun. 20), supporting structure effective, work completed (Jul. 30)	
nterm	Tsun	2	meas	Countermeasure [71]:Planning/implementation of reinforcement work of each Unit	- Completed seismic assessment	(Aug. 26)			
Соц	6		Counter	Countermeasure [72]:Preparation of various countermeasures for radiation shielding (application of slurry)	- Completed pipe work and pumpi	ing vehicle set (May 17)			
				Countermeasure [73]:Continuation of various countermeasures for radiation shielding	 Maintain facilities (to Step 2) Implemented training of workford Developed manual and confirme 	ce (Jun. 16, 17) d system (Jun. 30)			
	(8) Improvement of living/working environment	Enhance the environment improvement	Countermeasure s after Step 1	Countermeasure [74]:Improvement of living/working environment of workers	 Improvement of meals, upgrade stations installed by affiliated corr 	of lodging facility, securing daily life water npanies : <u>as of Oct. 5</u>)	r, installation of rest station at the site (<u>12</u>	<u>rest stations</u> installed by TEPCO, <u>8 rest</u>	
				Countermeasure [75]:Continuation and enhancement of improvement of living/working environment of workers	(~ Step 2) - Installation of temporary dormito - Twenty on-site rest stations have	ory : Accommodation for 1,600 people com e been established (approx. 4,400m ² in siz	structed (Aug. 31). Approx. 1,100 people m e with a capacity to accommodate approx.	oved in (as of Oct. 1). 1,500 persons) (as of Oct. 5.)	
	(9)Improvement of radiation control and medical system	Enhancement of healthcare	ter Step 1	Countermeasure [77]:Improvement of radiation control	 Installation of decontamination e Issuance of individual examinati Introduction of bar-code reader f 	equipment for people and vehicles on certificate (May 7) for individual APD rental			
ovement				Countermeasure [78]:Continue improvement of radiation control	- Expanded whole-body counters - Automated recording of individu - Guideline was publicly announce	as planned (12 installed as of Oct. 3). Inter al APD is under preparation (currently, exp ed for examinations according to exposure	nal radiation exposure measurement once posure data is manually recorded for future a dose etc. (Oct. 11)	a month started from September. e use).	
ant Impr			Enhancement of he	sures af	Countermeasure [79]:Improvement of medical system	- Considering heat strokes counte aid of the government. (from May	ermeasures in summer, established 24-hou 29)	r doctor's office in the main anti-earthqual	ke building at Fukushima Daiichi with the
Environme				Countermeas	Countermeasure [80]:Continue improvement of medical system	Decided to install emergency me to continuously allocate doctors f Allocate nurses and radiation sp By establishing speedy transpoi who are not contaminated directly <u>Ambulance cars have been prep</u> <u>Implementation of prevention ar</u>	dical room permanently at Unit 5/6 Servico amiliar with emergency medical care. pecialists (not regular basis in the meantim rtation system for patients via the enhance to hospitals. pared (Sep. 16). * 3 transportation vehicles. ad mitigation countermeasures against flu	e Building after September, which was esta ne.) ement of medical and decontamination faci (start flu vaccination etc. from Nov. 1.)	ablished only for the summer season, and lities, transfer seriously injured persons
	(10) Staff training/ personnel allocation	Thorough radiation exposure control	Countermeasures after Step 1	Countermeasure [85]:Systematic staff training and personnel allocation	 Conducting training for staffs engaged in radiation related work, who will be in great demand. TEPCO has been conducting "radiation survey staff training" targeted for employees and TEPCO group companies employees and has already trained <u>approx</u>. <u>3.000 personnel</u>. The government has been conducting "radiation survey staff development training" (<u>7 times until Oct. 7, approx. 200 people trained) and "radiation protection staff development training" (approx. 200 people trained) and "radiation protection staff development training" (approx. 10 people trained from Aug. 8 to Aug. 12, and 30 people trained after Sep. 26). These trainings will be continued.</u> According to affiliated companies needs, launched a new framework of recruiting workers widely through Japan Atomic Industrial Forum (JAIF). 				